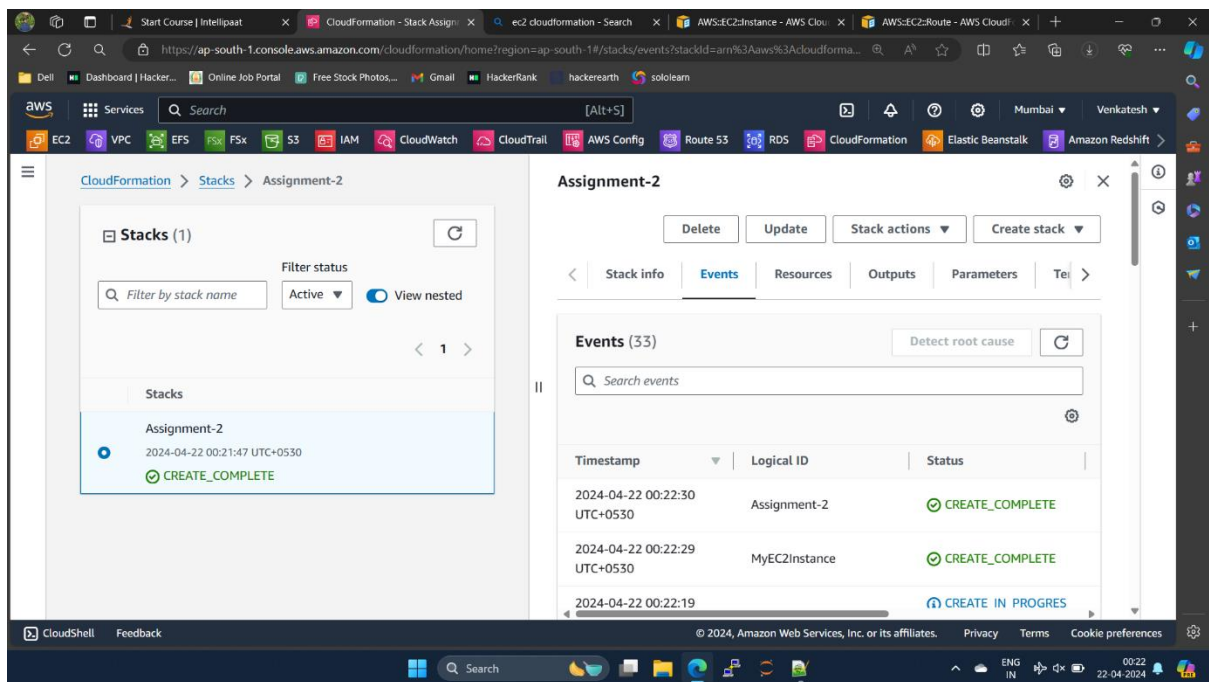


CloudFormation VPC Template



YAML Code:

Resources:

myVPC:

Type: AWS::EC2::VPC

Properties:

CidrBlock: 10.0.0.0/16

EnableDnsSupport: true

EnableDnsHostnames: true

Tags:

- Key: "Name"

Value: "cf-vpc"

myInternetGateway:

Type: AWS::EC2::InternetGateway

Properties:

Tags:

- Key: "Name"

Value: "cf-internetgateway"

InternetGatewayAttachment:

Type: AWS::EC2::VPCGatewayAttachment

Properties:

VpcId: !Ref myVPC

InternetGatewayId: !Ref myInternetGateway

PublicSubnet:

Type: AWS::EC2::Subnet

Properties:

VpcId: !Ref myVPC

CidrBlock: 10.0.8.0/24

MapPublicIpOnLaunch : true

Tags:

- Key: "Name"

Value: "PublicSubnet"

PublicRouteTable:

Type: AWS::EC2::RouteTable

Properties:

VpcId: !Ref myVPC

Tags:

- Key: "Name"

Value: "VPC-PublicRouteTable"

myRoute:

Type: AWS::EC2::Route

DependsOn: "InternetGatewayAttachment"

Properties:

RouteTableId: !Ref PublicRouteTable

DestinationCidrBlock: 0.0.0.0/0

GatewayId: !Ref myInternetGateway

mySubnetRouteTableAssociation:

Type: AWS::EC2::SubnetRouteTableAssociation

Properties:

SubnetId: !Ref PublicSubnet

RouteTableId: !Ref PublicRouteTable

InstanceSecurityGroup:

Type: AWS::EC2::SecurityGroup

Properties:

GroupName: "SecurityGroup-cf"

GroupDescription: "Allow http to client host"

VpcId: !Ref myVPC

SecurityGroupIngress:

- IpProtocol: '-1'

CidrIp: 0.0.0.0/0

SecurityGroupEgress:

- IpProtocol: '-1'

CidrIp: 0.0.0.0/0

Tags:

- Key: "Name"

Value: "SecurityGroup-cf"

MyEC2Instance:

Type: AWS::EC2::Instance

Properties:

ImageId: "ami-001843b876406202a"

KeyName: "mumbaipemkp"

InstanceType : t2.micro

SubnetId : !Ref PublicSubnet

SecurityGroupIds :

- !Ref InstanceSecurityGroup

Tags:

- Key: "Name"

Value: "CFinstance"

Outputs:

myVPC:

Description: Information about the VPC

Value: !Ref myVPC